

Appl. No. 10/753,337

**Remarks/Arguments**

The Applicants note the indication of allowable subject matter in section 2 of the Detailed Action.

In view of this, claims 3 and 6 have been rewritten in independent form each to include all of the limitations of the base claim 1 from which they formerly depended, and claim 1 has been cancelled. In addition, claims 2 and 8 have each been amended to depend from claim 3. Accordingly, it is believed that claims 2-9 are now allowable, as well as allowed claims 10-23.

Accordingly, it is believed not necessary to discuss in detail Matsui et al., applied in Section 1 of the Detailed Action against previous claims 1, 2 and 8, or the other prior art of record in this application.

In addition, new claims 24-27 are submitted herewith. New claim 24 is an independent claim directed to the method of the invention, reciting the manner of producing the second and third digital values for different duty cycles of the control pulse signal in a manner similar to that in the apparatus claim 16. Claims 25-27 depend from claim 24 and recite further details of the method. As the features of the invention recited in these claims are not disclosed or suggested by the prior art of record, these new claims 25-27 are believed also to be allowable.

The Applicant therefore respectfully requests that a timely Notice of Allowance be issued in this application.

Respectfully submitted,

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